

Serial Number: 09/661453**ENTERED**

Edited by:

Verified by: h (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/661,453

DATE: 09/25/2000
TIME: 14:53:26

Input Set : A:\PU038.txt
Output Set: N:\CRF3\09252000\I661453.raw

Does Not Comply
Corrected Diskette Needed

2 <110> APPLICANT: Ruben et al.
4 <120> TITLE OF INVENTION: 27 Human secreted proteins
6 <130> FILE REFERENCE: PZ038P1
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/661,453
9 <141> CURRENT FILING DATE: 2000-09-13
11 <150> PRIOR APPLICATION NUMBER: PCT/US00/06783
12 <151> PRIOR FILING DATE: 2000-03-16
14 <150> PRIOR APPLICATION NUMBER: 60/125,055
15 <151> PRIOR FILING DATE: 1999-03-18
17 <160> NUMBER OF SEQ ID NOS: 156
19 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

5668 <210> SEQ ID NO: 156
5669 <211> LENGTH: 432
5670 <212> TYPE: PRT
5671 <213> ORGANISM: Homo sapiens
5673 <220> FEATURE:
5674 <221> NAME/KEY: SITE
5675 <222> LOCATION: (111)
5676 <223> OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
5678 <220> FEATURE:
5679 <221> NAME/KEY: SITE
5680 <222> LOCATION: (115)
5681 <223> OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
5683 <220> FEATURE:
5684 <221> NAME/KEY: SITE
5685 <222> LOCATION: (206)
5686 <223> OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
5688 <220> FEATURE:
5689 <221> NAME/KEY: SITE
5690 <222> LOCATION: (316)
5691 <223> OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
5693 <220> FEATURE:
5694 <221> NAME/KEY: SITE
5695 <222> LOCATION: (395)
5696 <223> OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
5698 <400> SEQUENCE: 156
5699 Thr Ser Ser Pro Gln Arg Arg Leu Pro Ala Gly Pro Arg Pro Pro Thr
5700 1 5 10 15
5702 Val Glu Pro Pro Ala Glu Pro Pro Ala Glu Val Pro Pro Ser Gly Thr
5703 20 25 30
5705 Pro Pro Pro Pro Ser Thr Ser Glu Pro Leu Ser Arg Arg Arg Pro Met
5706 35 40 45
5708 Trp Gly Phe Arg Leu Leu Arg Ser Pro Pro Leu Leu Leu Leu Pro

RAW SEQUENCE LISTING DATE: 09/25/2000
 PATENT APPLICATION: US/09/661,453 TIME: 14:53:27

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5709 50 55 60
 5711 Gln Leu Gly Ile Gly Asn Ala Ser Ser Cys Ser Gln Ala Arg Thr Met
 5712 65 70 75 80
 5714 Asn Pro Gly Gly Ser Gly Gly Ala Arg Cys Ser Leu Ser Ala Glu Val
 5715 85 90 95
 W--> 5717 Arg Arg Arg Gln Cys Leu Gln Leu Ser Thr Val Pro Gly Ala Xaa Pro
 5718 / 100 105 110
 W--> 5720 Gln Arg Xaa Asn Glu Leu Leu Leu Leu Ala Ala Ala Gly Glu Gly Leu
 5721 115 120 125
 5723 Glu Arg Gln Asp Leu Pro Gly Asp Pro Ala Lys Glu Glu Pro Gln Pro
 5724 130 135 140
 5726 Pro Pro Gln His His Val Leu Tyr Phe Pro Gly Asp Val Gln Asn Tyr
 5727 145 150 155 160
 5729 His Glu Ile Met Thr Arg His Pro Glu Asn Tyr Gln Trp Glu Asn Trp
 5730 165 170 175
 5732 Ser Leu Glu Asn Val Ala Thr Ile Leu Ala His Arg Phe Pro Asn Ser
 5733 180 185 190
 W--> 5735 Tyr Ile Trp Val Ile Lys Cys Ser Arg Met His Leu His Xaa Phe Ser
 5736 195 200 205
 5738 Cys Tyr Asp Asn Phe Val Lys Ser Asn Met Phe Gly Ala Pro Glu His
 5739 210 215 220
 5741 Asn Thr Asp Phe Gly Ala Phe Lys His Leu Tyr Met Leu Leu Val Asn
 5742 225 230 235 240
 5744 Ala Phe Asn Leu Ser Gln Asn Ser Leu Ser Lys Lys Ser Leu Asn Val
 5745 245 250 255
 5747 Trp Asn Lys Asp Ser Ile Ala Ser Asn Cys Arg Ser Ser Pro Ser His
 5748 260 265 270
 5750 Thr Thr Asn Gly Cys Gln Gly Glu Lys Val Arg Thr Cys Glu Lys Ser
 5751 275 280 285
 5753 Asp Glu Ser Ala Met Ser Phe Tyr Pro Pro Ser Leu Asn Asp Ala Ser
 5754 290 295 300
 W--> 5756 Phe Thr Leu Ile Gly Phe Ser Lys Gly Cys Val Xaa Leu Asn Gln Leu
 5757 305 310 315 320
 5759 Leu Phe Glu Leu Lys Glu Ala Lys Lys Asp Lys Asn Ile Asp Ala Phe
 5760 325 330 335
 5762 Ile Lys Ser Ile Arg Thr Met Tyr Trp Leu Asp Gly Gly His Ser Gly
 5763 340 345 350
 5765 Gly Ser Asn Thr Trp Val Thr Tyr Pro Glu Val Leu Lys Glu Phe Ala
 5766 355 360 365
 5768 Gln Thr Gly Ile Ile Val His Thr His Val Thr Pro Tyr Gln Val Arg
 5769 370 375 < 380
 W--> 5771 Asp Pro Met Arg Ser Trp Ile Gly Lys Glu Xaa Lys Lys Phe Val Gln
 5772 385 390 395 400
 5774 Ile Leu Gly Asp Leu Gly Met Gln Val Thr Ser Gln Ile His Phe Thr
 5775 405 410 415
 5777 Lys Glu Ala Pro Ser Ile Glu Asn His Phe Arg Val His Glu Val Phe
 5778 420 425 430
 E--> 5784 1

VERIFICATION SUMMARY DATE: 09/25/2000
PATENT APPLICATION: US/09/661,453 TIME: 14:53:28

Input Set : A:\PU038.txt
Output Set: N:\CRF3\09252000\I661453.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:3173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:3176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:3179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:3285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77

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PATENT APPLICATION: US/09/661,453

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L:3288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:3303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:3324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:5784 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:156